

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP 02/14812

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G02B6/12 G02F1/313 H04Q11/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G02B G02F H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 285 810 B1 (FINCATO ANTONIO ET AL) 4 September 2001 (2001-09-04) column 1, paragraphs 12-19 column 11, line 1-7 column 12, line 17 -column 14, line 28 --- WO 97 50008 A (CORNING INC) 31 December 1997 (1997-12-31) page 5, line 27-30 page 16, line 15 -page 17, line 30 page 19, line 27 -page 20, line 28 figure 8 --- -/-	1,2,5-10
X		1,2,5-10

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

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Date of the actual completion of the international search

20 May 2003

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27/05/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax (+31-70) 340-3016

Authorized officer

Verdrager, V

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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X	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 25, 12 April 2001 (2001-04-12) -& JP 2001 222033 A (NIPPON TELEGR & TELEPH CORP), 17 August 2001 (2001-08-17) abstract paragraph '0021! figure 3	1,2,5-10
A	OFFREIN B J ET AL: "RESONANT COUPLER-BASED TUNABLE ADD-AFTER-DROP FILTER IN SILICON-OXYNITRIDE TECHNOLOGY FOR WDM NETWORKS" IEEE JOURNAL OF SELECTED TOPICS IN QUANTUM ELECTRONICS, IEEE SERVICE CENTER, US, vol. 5, no. 5, September 1999 (1999-09), pages 1400-1406, XP000926845 ISSN: 1077-260X abstract page 1400, column 2, paragraph 1 -page 1402, column 1, paragraph 1 figures 2,3,5	1-10
A	WEIERSHAUSEN W ET AL: "PHOTONIC HIGHWAY SWITCHES BASED ON RING RESONATORS USED AS FREQUENCY-SELECTIVE COMPONENTS" APPLIED OPTICS, OPTICAL SOCIETY OF AMERICA, WASHINGTON, US, vol. 35, no. 30, 20 October 1996 (1996-10-20), pages 5967-5978, XP000630966 ISSN: 0003-6935 page 5967 -page 5967	1,2,9,10
A	EP 1 158 342 A (AGERE SYSTEMS OPTOELECTRONICS) 28 November 2001 (2001-11-28) paragraphs '0014!, '0025!-'0058! figures 5,6	1,2,10
A	WO 01 73994 A (ERICSSON TELEFON AB L M ;AUGUSTSSON TORSTEN (SE)) 4 October 2001 (2001-10-04) page 9, line 22 -page 10, line 5	1,10
A	KOHNKE G E ET AL: "Silica based Mach-Zehnder add-drop filter fabricated with UV induced gratings" ELECTRONICS LETTERS, IEE STEVENAGE, GB, vol. 32, no. 17, 15 August 1996 (1996-08-15), pages 1579-1580, XP006005577 ISSN: 0013-5194 page 1579, column 1, paragraphs 2,3	1,10

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